

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 1-33, 35-38, 40, 45, 59 and 61-65 without prejudice.

Please add new claim 66.

Please amend claims 34, 39 and 41 as indicated below (material to be inserted is in **bold and underline**, material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [ [ ] ]):

**Listing of Claims:**

1-33. (Cancelled)

34. (Currently Amended). [[A]] **The monitoring subsystem of claim 48, wherein the monitoring subsystem is configured** for assessing a fluid distribution of a test area serviced by a urine detection network, wherein the urine detection network has a net characteristic indicative of the fluid distribution of the test area, ~~the monitoring subsystem comprising:~~  
~~—an~~ **wherein the** inducer module **is** configured to generate an energy field, wherein an energy field **is** generated within an operative distance of the urine detection network ~~establishes~~ **to establish** an energy distribution between the urine detection network and the monitoring subsystem that is predictably influenced by the net characteristic of the urine detection network; and

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~~an, and wherein the~~ analyzing module is configured to determine the net characteristic of the urine detection network from the energy distribution between the urine detection network and the monitoring subsystem.

35-38. (Cancelled)

39. (Currently Amended) The monitoring subsystem of claim ~~[[37]]~~ 34, wherein the analyzing module includes a memory, and wherein the reference energy distribution is stored in the memory.

40. (Cancelled)

41. (Currently Amended) The monitoring subsystem of claim ~~[[37]]~~ 34, wherein the analyzing module is configured to recognize interference by comparing the measured energy distribution to the reference energy distribution.

42. (Original) The monitoring subsystem of claim 41, wherein the analyzing module is configured to compensate for the interference.

43. (Original) The monitoring subsystem of claim 41, further comprising a notification module, wherein the notification module is configured to report that an environment is not suitable for detection if the interference cannot be compensated for.

44. (Original) The monitoring subsystem of claim 41, further comprising a notification module, wherein the notification module is configured to report that an environment is suitable for detection if an uncorrectable interference is not present.

45. (Cancelled)

46. (Original) The monitoring subsystem of claim 34, wherein the analyzing module is configured to determine the net characteristic of the urine detection network by comparing two or more measured energy distributions measured at different times.

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47. (Original) The monitoring subsystem of claim 34, further comprising a notification module configured to report a fluid distribution derived from the determined net characteristic.

48. (Original) A monitoring subsystem for assessing an energy-absorption pattern of an energy-converting module, the monitoring subsystem comprising:

an inducer module configured to establish an energy distribution between the energy-converting module and the monitoring subsystem;

a sampling module configured to measure the energy distribution;

an analyzing module configured to determine the energy-absorption pattern of the energy-converting module by comparing the measured energy distribution to a reference energy distribution.

49. (Original) The monitoring subsystem of claim 48, wherein the sampling module is positionally fixed relative to the inducer module.

50. (Original) The monitoring subsystem of claim 48, wherein the analyzing module is configured to find an intersection of the measured energy distribution and the reference energy distribution.

51. (Original) The monitoring subsystem of claim 50, wherein the analyzing module uses a frequency of the intersection to look up the energy-absorption pattern.

52. (Original) The monitoring subsystem of claim 50, wherein the analyzing module uses an angle of the intersection to look up the energy-absorption pattern.

53. (Original) The monitoring subsystem of claim 48, wherein the analyzing module is configured to determine the energy-absorption pattern of the energy-

converting module by comparing the reference energy distribution and two or more measured energy distributions from different times.

54. (Original) The monitoring subsystem of claim 53, wherein the analyzing module is configured to determine the energy-absorption pattern of the energy-converting module by finding an intersection point of the two measured energy distributions.

55. (Original) The monitoring subsystems of claim 54, wherein the two measured energy distributions correspond to two different positions of the inducer module relative to the energy-converting module.

56. (Original) The monitoring system of claim 53, wherein the two measured energy distributions are measured by different sampling modules.

57. (Original) The monitoring subsystem of claim 48, wherein the reference energy distribution corresponds to an energy distribution unaffected by the energy-converting module and measured at the sampling module.

58. (Original) The monitoring subsystem of claim 48, further comprising a notification module configured to report the energy-absorption pattern.

59. (Cancelled)

60. (Currently Amended) The monitoring subsystem of claim ~~[[59]]~~ 34, wherein the net characteristic is capacitance.

61-65. (Cancelled)

66. (New) The monitoring subsystem of claim 48, wherein the energy converting module is an LC circuit.